

CLAIMS

- 1-2 OK for 386/46 170 6/9/99 Sub at
1. A digital recording and replay apparatus (200) with on-screen message generator and inserter (520), said digital recording and replay apparatus comprising:
- a transducer (251) for reproducing a video representative digital signal from a recorded medium;
 - replay electronics (220) coupled to said transducer (251) for processing said video representative digital signal to produce an output signal bit stream (221);
 - a decoder (117) having an input coupled to said replay electronics (220) and an output which produces a video signal;
 - a status message signal generator (205/270), responsive to an operating mode of said digital recording and replay apparatus (200), for generating a status message signal (TAG/CMD); and
 - means for inserting said status message signal into the video signal (102) decoded from said output signal bit stream (221).
2. The digital recording and replay apparatus (200) of claim 1, wherein said status message signal (TAG/CMD) indicates an apparatus specific message.
3. The digital recording and replay apparatus (200) of claim 1, wherein said status message signal (TAG/CMD) indicates apparatus specific data.
4. A digital television receiver (100), comprising:
- receiving means (110) having a first input coupled to a replay source and receiving therefrom a compressed digital television signal, and a second input coupled to a control signal, said receiving means decoding said compressed digital television signal to form a video signal (102);
 - means (520) coupled to said receiving means (110) for generating a display message responsive to display message data

and for combining said display message with said video signal (102);

a memory (510) containing said display message data;
control means (115) coupled to said memory (510) and said
5 generating means (520) for reading said display message data
from said memory, responsive to said control command.

5. The digital television receiver (100) of claim 4,
wherein said memory (510) contains display message data specific
10 to a plurality of television signal sources.

6. The digital television receiver (100) of claim 4,
wherein said memory (510) contains display message data specific
to said digital television receiver (100) and a plurality of
15 television signal replay sources.

7. The digital television receiver (100) of claim 4,
wherein said memory (510) contains display message data specific
to a digital recording and replay apparatus.
20

8. The digital television receiver (100) of claim 5,
wherein said control means (115) selects a specific display
message responsive to said control command.

25 9. A digital television receiver (100), comprising:
receiving means (110) coupled to a replay source and
receiving therefrom a compressed digital television signal, said
receiving means also receiving a source display message data
signal and a label data signal;
30 decoding means (117) coupled to said receiving means (110)
for producing a video signal (102) from said compressed digital
television signal;

a memory (510) storing display message data;
video message generating means (520) coupled to said
35 memory (510) and receiving therefrom message data for

16

generating a video message, and for adding said video message to said video signal (102); and,

control means (115) coupled to said memory (510) for selecting specific display message data responsive to said label
5 data signal and, absent said specific display message data, coupling said source display message data signal to said video message generating means (520).

10. The digital television receiver (100) of claim 9,
10 wherein said memory (510) contains display message data specific to said digital television receiver (100) and a plurality of television signal replay sources.